

## 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name:</b>	<b>KABU KA JADU (Spray)</b>
<b>Company:</b>	<b>KABU WORLD</b>
<b>Address:</b>	Gold crest Business Park, 221A, Lal Bahadur Shastri Marg, opp. Shreyas Cinema Road, Nityanand Nagar, Ghatkopar West, Mumbai, Maharashtra 400086
<b>Customer Care:</b>	080 6218 0982   <a href="mailto:info@kabu.world">info@kabu.world</a>
<b>Physical form:</b>	Liquid
<b>Colour:</b>	Colourless Transparent liquid
<b>Odour:</b>	Weak odour

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

**Chemical Characterization:** This product is a blended mixture

## 3. HAZARDS IDENTIFICATION

### Hazard Classification:

Flammable Liquid:	Category 5
Skin corrosion/irritation:	Category 3
Inhalation:	Category 1

Route of incursion Inhalation, Skin contact, and accidental ingestion

**Hazard on Health:** May cause moderate irritation to the skin. If swallowed or inhaled, death may result

**Hazard on environment:** No obvious hazards

### Hazard on flammability and explosion:

Flammable. Keep away from ignition sources such as heat/sparks/flame. Use explosion-proof electric/ventilation/illumination equipment. Vapor accumulation could flash and/or explode if ignited. Material can accumulate static charges which may cause an incendiary electrical discharge. Keep container close to avoid solvent volatilization after using

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#### 4. FIRST AID MEASURES

- **Skin:** As quickly as possible remove contaminated clothing, shoes and leather goods, immediately flush skin with lukewarm, gently flowing water and soap.
- **Eyes:** Immediately flush the contaminated eyes with lukewarm, gently flowing water. If irritation occurs, obtain medical attention.
- **Inhalation:** Remove from the source of contamination and move to fresh air. Obtain medical attention if ill effects persist.
- **Ingestion:** Immediately obtain medical attention. Do not induce vomiting.

#### 5. FIRE-FIGHTING MEASURES

- Hazard characteristic: Flash point: >71°C/160F. Vapor can form flammable mixtures with air, that could flash or explode if ignited. Material can get reaction with oxidant Hazard combustible product
- Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide (CO<sub>2</sub>). Water can be used to cool fire exposed containers Special protective equipment for the Fire Fighters: Self-contained breathing apparatus (SCBA) and protective clothing should be worn in fighting large fires involving chemicals.

#### 6. ACCIDENTAL RELEASE MEASURES

- Accidental measures: Remove possible ignition sources. Evacuate and isolate the spill area, avoid contact with spilled materials. Self-contained breathing apparatus and protective clothing should be worn in the accidental handler. Prevent spilled material entering into waterways, sewer, basements or confined areas. Collect spilled material into a closed container. Absorb or clean up remained material with dry earth, sand, activated carbon or other inertial materials.

#### 7. HANDLING AND STORAGE

- **Handling:** Avoid contact with skin. Prevent small spills and leakage to avoid slip hazard. Static electricity will accumulate, use proper bonding and/or grounding procedures to eliminate static electricity.
- **Storage:** Keep container closed in cool and ventilated storage. Keep away from fire and heat source. Temperature in storage should be less than 60°C
- **Suitable Containers/Packing:** Barges, Drums, Tank Cars, Tank Trucks
- **Compatible Materials and Coatings:** Carbon Steel, Stainless Steel, Polyethylene, Polypropylene, Teflon

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# MSDS

- **Incompatible Materials and Coatings:** Natural Rubber, Butyl Rubber, EPDM Rubber, Polystyrene

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Exposure limits/Exposure limit values:** RCP - TWA:1200mg/m<sup>3</sup>
- **Inhalation Protection:** Where concentrations is are above recommended limits or are unknown, approved gas-mask (half-face) with filter should be worn. Where rescue or evacuation occurs in emergency, Self-contained breathing apparatus should be worn.
- **Eye protection:** Use chemical worker's goggles
- **Skin and Body protection:** Chemical and oil resistant clothing is recommended.
- **Hand protection:** Chemical resistant gloves are recommended like Nitrile gloves.
- **Other protections:** No smoking, eating and drinking on site, alcoholic beverage is prohibited to drink before work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- **Physical State:** Liquid
- **Color:** Colorless, clear or pale yellow
- **Odor:** Mild Petroleum/Solvent
- **Flash Point [Method]:** >77°C (171F) [ ASTM D-93]
- **Relative Density :** 0.69 g/cm<sup>3</sup>
- **Boiling Point / Range:** 200C (392F) - 250C (482F)
- **Vapor Density (Air = 1):** 6.2 at 101 kPa
- **Vapor Pressure:** 0.023 kPa (0.17 mm Hg) at 20 °C
- **Evaporation Rate (n-butyl acetate = 1):** 0.1
- **Solubility in Water:** Negligible

## 10. STABILITY AND REACTIVITY

- **Chemical Stability:** Stable
- **Conditions to Avoid:** Heat, sparks, open flames and other ignition sources
- **Materials to Avoid:** Don't mix with alcohol, water and moisture. Strong oxidizing material can cause a reaction.
- **Hazardous Decomposition Products:** Material does not decompose at ambient temperatures.
- **Hazardous Polymerization:** Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

- **Inhalation:** Minimally Toxic; Irritative to skin and respiratory passage, but negligible hazard at ambient/normal handling temperatures.
- **Ingestion Toxicity :** LD50 > 15000 mg/Kg. Minimally toxic.
- **Skin Toxicity:** LD50 > 3160 mg/kg. Minimally Toxic. Moderate irritation to skin due to prolonged exposure
- **Eye:** Irritative, May cause moderate, short-lasting discomfort to eyes.

### CHRONIC/OTHER EFFECTS

- Component Toxicology Information: Vapor/aerosol concentrations above recommended exposure levels are irritating to eyes and respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness and other central nervous system effects. Prolonged and/or repeated skin contact with low viscosity materials may defat the skin resulting in possible irritation and dermatitis. Small amounts of liquid aspirated into the lungs during ingestion or from vomiting may cause chemical pneumonitis or pulmonary edema

## 12. ECOLOGICAL INFORMATION

### Environmental effects

- **Acute effects:** No harm to aquatic organisms.
- **Chronic effects:** No harm to aquatic organisms.
- **Biodegradation:** Quickly biodegradable.
- **Bioaccumulation :** No bioaccumulation potential.

## 13. DISPOSAL CONSIDERATIONS

- **Material characteristics:** Hazard waste solvent – HW42.
- **Disposal Recommendations:** Product is suitable for burning in an enclosed controlled burner for fuel value or disposal by supervised incineration at very high temperatures to prevent formation of undesirable combustion products.

## 14. TRANSPORT INFORMATION

### LAND (DOT)

## 15. Regulatory information

Safety, health and environmentally friendly regulations / special regulations for the substance or mixture. Comply with international and local government regulations. Please refer to the second chapter of this document.

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